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• Langsford, Peter Alan  
Maldon, Essex, CM9 6DU (GB)  
• Wardell, Colin  
Woodham Mortimer, Maldon,  
Essex, CM9 6SZ (GB)

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(71) Applicant: Marconi Electronic Systems Limited  
Stanmore, Middlesex HA7 4LY (GB)

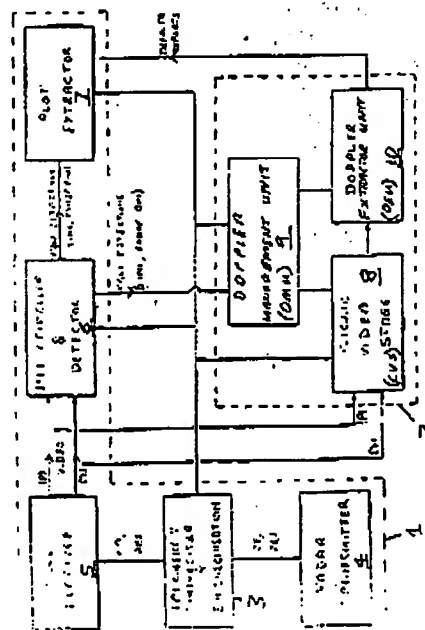
(74) Representative: Fitchett, Stuart Paul  
GEC Patent Department,  
Waterhouse Lane  
Chelmsford, Essex CM1 2GX (GB)

(72) Inventors:  
• Molyneux-Berry, Robert Bewes  
Danbury, Essex, CM3 4PN (GB)

(54) Doppler radar

(57) There is provided radar apparatus; and a method, for determining the approach velocity of a target whereby the target is first classified as a "target of interest" by a thresholding process applied to successive signals to identify potential targets. Doppler processing is then applied only to a selected portion of data relating to the target of interest.

This invention enables existing moving target indicator MTI radars (1) to be upgraded to give full Doppler capability without the excessive processing capacity required by conventional Doppler radars.



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## EUROPEAN SEARCH REPORT

Application Number  
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The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>25 June 1999</b>	Examiner <b>Niemeijer, R</b>
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document		T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date O: document cited in the application L: document cited for other reasons A: member of the same patent family, corresponding document	

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